

U.S. Army Engineer Research and Development Center
Environmental Engineering Branch
3909 Halls Ferry Road
Vicksburg, MS 39180-6199

May 23, 2016

Mr. Gary Miller
Mr. Kellon Pearson
U.S. Environmental Protection Agency, Region 6
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

Subject: EPA Superfund Program Monthly Progress Reports—March & April 2016
Bill Nos. 13225470 & 13226249
Technical Assistance--San Jacinto River Waste Pits Superfund Site, Texas
IA No. DW9695854901-4
IA Expiration Date: 01/30/2021

Dear Mr. Miller and Mr. Pearson:

The enclosed monthly reports for March and April 2016 summarize our progress in providing technical assistance to assess cap defects at the San Jacinto River Waste Pits Superfund Site.

Also enclosed are monthly partial bills (DA Form 4445-R) for March 2016 (Partial Bill #1) and April 2016 (Partial Bill #2) and the corresponding Superfund financial progress reports (msfcr.2.1.14) documenting the charges in the monthly partial bills.

If you have any questions regarding these reports, please contact me at 601-634-3709 or by e-mail at Paul.R.Schroeder@usace.army.mil.

Sincerely,

SCHROEDER.PAU
L.R.1230427140

Digitally signed by
SCHROEDER.PAUL.R.1230427140
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=SCHROEDER.PAUL.R.1230427140
Date: 2016.05.23 09:06:36 -05'00'

Paul R. Schroeder, PhD, PE
Research Civil Engineer

Enclosures

EPA Superfund Program Monthly Progress Report

U.S. Army Engineer Research and Development Center (ERDC)
Technical Support--San Jacinto River Waste Pits, TX Superfund Site

General Information				
Site	San Jacinto River Waste Pits Superfund Site, TX		Phase:	
Bill No.	13225470	IA No.: DW96958549-004	P2: 458050	WAF Exp Date: 30 Jan 2021
Reporting Period	From: 07 Mar 2016	To: 01 Apr 2016	EPA Project Manager: Gary Miller, EPA Region 6 Kellon Pearson, EPA Region 6	USACE Project Manager: Paul R. Schroeder, ERDC

Work Performed This Period	
Narrative	<ul style="list-style-type: none">Reviewed construction reports, inspection reports, repair report and sample reports.
Meetings	<ul style="list-style-type: none">None
Key Milestones Completed	<ul style="list-style-type: none">None

Projected Work	
Narrative	<ul style="list-style-type: none">Assess the findings and prepare an assessment report.
Meetings	<ul style="list-style-type: none">None
Key Milestones Forthcoming	<ul style="list-style-type: none">Final report.

Issues	
Technical	<ul style="list-style-type: none">None
Schedule	<ul style="list-style-type: none">None
Funding	<ul style="list-style-type: none">None

IAG Funding Summary							
USACE		Total WAF		Expiration Date			
\$50,000.00		\$50,000.00		30 Jan 2021			
Expenditures							
Funded		Current Bills		Previously Billed		Remaining Funding	
\$50,000.00		\$14,928.83		\$0.00		\$35,071.17	

Obligations Plan (FY16)
Remaining project funds will be used primarily for personnel labor costs as well as travel to a community meeting.

Scope of Work Summary
Perform assessment of cap defects at the San Jacinto River Waste Pits Superfund Site, TX.

Key Personnel		
Name	Position	Phone
Carlos E. Ruiz	Research Civil Engineer	601-634-3784
Paul R. Schroeder	Research Civil Engineer	601-634-3709

CUSTOMER ORDER NUMBER: DW96958549-004
BILL NO: 13225470
BILLED DATE: 01-APR-2016-----
WORK ITEM: 2K4HKH

RESOURCE CODE

PRAC NO	LN#	CONTRACT NAME	CONTRACT NUMBER	D.O.#	PURPOSE	ACCRUAL	COST
GENCDRP							
W81EWF60676842	1				3% NON CORPS FEE --- Project No.: 458050		
TOTAL GENCDRP:							\$103.12

LABOR

PRAC NO	LN#		HOURS	DOLLARS	# of People	Pay Period End Date
W81EWF60686998	1	REG	(b) (5)	\$5,462.11	1	05-MAR-16
		O/T		\$0.00	0	
		HOL		\$0.00	0	
		REG		\$9,363.60	0	19-MAR-16
		O/T		\$0.00	0	
		HOL		\$0.00	0	
TOTAL LABOR						
		REG	(b) (5)	\$14,825.71	1	
		O/T		\$0.00	0	
		HOL	(5)	\$0.00	0	

TOTAL WORK ITEM: 2K4HKH \$14,928.83

GRAND TOTAL COST FOR BILL NO 13225470: \$14,928.83

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CUSTOMER ORDER DETAILED COSTS
USA ENGINEER RESEARCH & DEVELOPMENT CTRCUSTOMER ORDER NUMBER: DW96958549-004
BILL NO: 13225470
BILLED DATE: 01-APR-2016

RECONCILIATION OF 1080 BILLED AMOUNT TO DETAILED COSTS REPORT
(This page of the report is for internal use only to #debug DISPLAY
the total variance of 1080 billed cost amount to Customer
Order Detailed Costs report. This page of the report should
not be forwarded to customer.)

	Amount
Total Billed Amount - 1080 Billing	\$14,928.83
Total Detailed Cost Report	\$14,928.83
Variance	\$0.00
	=====
Process Billed Amt	\$0.00
Unbilled Amt	\$0.00
Total Processed Billed and Unbilled Amt	\$0.00
	=====

To determine the reasons for any variance, first compare amounts on the report and the bill by resource code. Timing of when the bill was generated could cause variances. A SQL query against the joined_trans_reg_view2 table could be used to begin a search for the variance. Also, any costs in process_billed_amt or unbilled_amt, as shown above, could be reason for variance. Once the costs are determined, the same level of cost information will have to be manually annotated on the Customer Order Detailed Costs report if the information is to be provided to an outside agency paying the bill, like FEMA.

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CUSTOMER ORDER NUMBER: DW96958549-004
BILL NO: 13225470
BILLED DATE: 01-APR-2016

*** E N D O F R E P O R T - 18-MAY-2016 - 16:09 - SID U4CEFMP1 ***

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PROGRESS REPORT

USA ENGINEER RESEARCH & DEVELOPMENT CTR
SAN JACINTO RIVER, TX
IA Number: DW96958549-004

MONTHLY REPORT FOR MARCH 2016

	Revised Reimbursable (096X3122)	Direct Fund Cite	IA Totals (096X3122)
STATEMENT OF CHARGES FOR PERIOD:	-----	-----	-----
Total Funds Authorized:	\$50,000.00	\$0.00	\$50,000.00
Less Total Expenditures: (-)	\$14,928.83	\$0.00	\$14,928.83
Less Undelivered Orders: (-)	\$0.00	\$0.00	\$0.00
Less Commitments: (-)	\$19,335.09	\$0.00	\$19,335.09
	-----	-----	-----
Funds Available Balance:	\$15,736.08	\$0.00	\$15,736.08

BILLING ACTIVITY (096X3122):	

Bill Number: 13225470	
Funds Expended During Report Period:	\$14,928.83
Total Billed to Date:	\$14,928.83
DIRECT FUND CITE PAYMENTS:	

Funds Expended During Report Period:	\$0.00
Total Expended to Date:	\$0.00

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PROGRESS REPORT

USA ENGINEER RESEARCH & DEVELOPMENT CTR
SAN JACINTO RIVER, TX
IA Number: DW96958549-004

Bill Number: 13225470
Bill Invoice Date: 01-APR-2016

Monthly Billing Amount(096X3122): \$14,928.83

Monthly Direct Fund Cite Contract Cost: \$0.00

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
-----	-----	-----	-----
a Personnel	\$5,905.20	\$0.00	\$5,905.20
b Fringe Benefits	\$3,425.01	\$0.00	\$3,425.01
c Travel	\$0.00	\$0.00	\$0.00
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$0.00	\$0.00	\$0.00
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$103.12	\$0.00	\$103.12
i Total Direct Charges	\$9,433.33	\$0.00	\$9,433.33
j Total Indirect Charges	\$5,495.50	\$0.00	\$5,495.50
-----	-----	-----	-----
k TOTAL	\$14,928.83	\$0.00	\$14,928.83

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
-----	-----	-----	-----	-----
CARLOS E RUIZ	USA ENGINEER RESEARCH & DEVELOPMENT	RESEARCH CIVIL ENGINEER	95.00	\$14,825.71
-----	-----	-----	-----	-----
TOTAL LABOR:			95.00	\$14,825.71

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EPA Superfund Program Monthly Progress Report

U.S. Army Engineer Research and Development Center (ERDC)
Technical Support--San Jacinto River Waste Pits, TX Superfund Site

General Information				
Site	San Jacinto River Waste Pits Superfund Site, TX		Phase:	
Bill No.	13226249	IA No.: DW96958549-004	P2: 458050	WAF Exp Date: 30 Jan 2021
Reporting Period	From: 01 Apr 2016	To: 02 May 2016	EPA Project Manager: Gary Miller, EPA Region 6 Kellon Pearson, EPA Region 6	USACE Project Manager: Paul R. Schroeder, ERDC

Work Performed This Period	
Narrative	<ul style="list-style-type: none">Prepared Defect Assessment Report
Meetings	<ul style="list-style-type: none">None
Key Milestones Completed	<ul style="list-style-type: none">Draft Defect Assessment Report.

Projected Work	
Narrative	<ul style="list-style-type: none">Participate in Community Open House and address comments on assessment report.
Meetings	<ul style="list-style-type: none">None
Key Milestones Forthcoming	<ul style="list-style-type: none">Final report.

Issues	
Technical	<ul style="list-style-type: none">None
Schedule	<ul style="list-style-type: none">None
Funding	<ul style="list-style-type: none">None

IAG Funding Summary			
USACE	Total WAF		Expiration Date
\$50,000.00	\$50,000.00		30 Jan 2021
Expenditures			
Funded	Current Bills	Previously Billed	Remaining Funding
\$50,000.00	\$16,128.49	\$14,928.83	\$18,942.68

Obligations Plan (FY16)
Remaining project funds will be used primarily for personnel labor costs as well as travel to a community meeting.

Scope of Work Summary
Perform assessment of cap defects at the San Jacinto River Waste Pits Superfund Site, TX.

Key Personnel		
Name	Position	Phone
Carlos E. Ruiz	Research Civil Engineer	601-634-3784
Paul R. Schroeder	Research Civil Engineer	601-634-3709

Accounts Of

<u>D.O. Voucher No.</u>	<u>BU. Voucher No.</u>	<u>Bill No.</u>	<u>Paid By Check No.</u>	<u>Collection Vou. No.</u>
		13226249		
		Partial # 2	01-Apr-2016 Thru 02-May-2016	

US ENVIRONMENTAL PROTECTION AGENCY
ATTN: FINANCIAL MANAGEMENT OFFICE
26 W. MARTIN LUTHER KING DR
CINCINNATI, OH 45268-7002

USACE FINANCE CENTER U4
USACE FINANCE CENTER U4
CEFC FR

MILLINGTON TN 38054-5005

Billed Accounting Classification										Billing Accounting Classification									
068 068 X	8145.0000	2016 98	0000	000000000000	00000	68010015		\$16,128.49	096 NA X	3122.0000	U4 08	2460	868	016004	96223		\$16,128.49		

Line Item	Moa	Description	Eaid No	Amount
1	INHOUSE - OTHER RESOURCES	G&A CENTER FOR DIRECTED RESEARCH PROGRAM (CDRP)		\$176.79
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		\$4,366.89
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		\$1,545.98
1	INHOUSE - LABOR	LABOR		\$10,038.83
			Subtotal:	<u>\$16,128.49</u>

Total Billed Amount:		\$16,128.49
Less Partial Amount Paid:		\$0.00
Payment Due Date: 01-Jun-2016	Pay This Amount:	\$16,128.49

Funds Authorized:	\$50,000.00	<p align="center">CERTIFICATE OF OFFICE BILLED</p> <p>I certify that the above articles were received and accepted or the services performed as stated and should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance payment requested is approved and should be paid as indicated.</p> <p align="center">SCHROEDER.PAUL.R.1230427140</p> <p>Date:</p> <p align="center">Authorized Administrative or Certifying Officer</p>
Total Billed Amount:	\$31,057.32	
Prev Billed Amount:	\$14,928.83	
Current Billed Amount:	\$16,128.49	
Total Flux Billed:	\$0.00	
Prev Flux Billed:	\$0.00	<p>Digitally signed by SCHROEDER.PAUL.R.1230427140 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=SCHROEDER.PAUL.R.1230427140 Date: 2016.05.23 08:52:19 -05'00'</p>
Current Flux Billed:	\$0.00	

CUSTOMER ORDER NUMBER: DW96958549-004
BILL NO: 13226249
BILLED DATE: 02-MAY-2016

WORK ITEM: 2K4HKH

RESOURCE CODE

PRAC NO	LN#	CONTRACT NAME	CONTRACT NUMBER	D.O.#	PURPOSE	ACCRUAL	COST
GENCDRP							
W81EWF60676842	1				3% NON CORPS FEE --- Project No.: 458050		
TOTAL GENCDRP:							\$176.79

LABOR

PRAC NO	LN#		HOURS	DOLLARS	# of People	Pay Period End Date
W81EWF60686998	1	REG	(b) (5)	\$10,847.15	1	16-APR-16
		O/T		\$0.00	0	
		HOL		\$0.00	0	
		REG		\$5,104.55	0	30-APR-16
		O/T		\$0.00	0	
		HOL		\$0.00	0	

TOTAL LABOR		HOURS	DOLLARS	# of People
	REG	(b) (5)	\$15,951.70	1
	O/T		\$0.00	0
	HOL		\$0.00	0

TOTAL WORK ITEM: 2K4HKH \$16,128.49

GRAND TOTAL COST FOR BILL NO 13226249: \$16,128.49

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CUSTOMER ORDER DETAILED COSTS
USA ENGINEER RESEARCH & DEVELOPMENT CTRCUSTOMER ORDER NUMBER: DW96958549-004
BILL NO: 13226249
BILLED DATE: 02-MAY-2016

RECONCILIATION OF 1080 BILLED AMOUNT TO DETAILED COSTS REPORT
(This page of the report is for internal use only to #debug DISPLAY
the total variance of 1080 billed cost amount to Customer
Order Detailed Costs report. This page of the report should
not be forwarded to customer.)

	Amount
Total Billed Amount - 1080 Billing	\$16,128.49
Total Detailed Cost Report	\$16,128.49
Variance	\$0.00
	=====
Process Billed Amt	\$0.00
Unbilled Amt	\$0.00
Total Processed Billed and Unbilled Amt	\$0.00
	=====

To determine the reasons for any variance, first compare amounts on the report and the bill by resource code. Timing of when the bill was generated could cause variances. A SQL query against the joined_trans_reg_view2 table could be used to begin a search for the variance. Also, any costs in process_billed_amt or unbilled_amt, as shown above, could be reason for variance. Once the costs are determined, the same level of cost information will have to be manually annotated on the Customer Order Detailed Costs report if the information is to be provided to an outside agency paying the bill, like FEMA.

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CUSTOMER ORDER NUMBER: DW96958549-004
BILL NO: 13226249
BILLED DATE: 02-MAY-2016

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PROGRESS REPORT

USA ENGINEER RESEARCH & DEVELOPMENT CTR
SAN JACINTO RIVER, TX
IA Number: DW96958549-004

MONTHLY REPORT FOR APRIL 2016

	Revised Reimbursable (096X3122)	Direct Fund Cite	IA Totals (096X3122)
STATEMENT OF CHARGES FOR PERIOD:	-----	-----	-----
Total Funds Authorized:	\$50,000.00	\$0.00	\$50,000.00
Less Total Expenditures: (-)	\$31,057.32	\$0.00	\$31,057.32
Less Undelivered Orders: (-)	\$0.00	\$0.00	\$0.00
Less Commitments: (-)	\$3,206.60	\$0.00	\$3,206.60
	-----	-----	-----
Funds Available Balance:	\$15,736.08	\$0.00	\$15,736.08

BILLING ACTIVITY (096X3122):	

Bill Number: 13226249	
Funds Expended During Report Period:	\$16,128.49
Total Billed to Date:	\$31,057.32
DIRECT FUND CITE PAYMENTS:	

Funds Expended During Report Period:	\$0.00
Total Expended to Date:	\$0.00

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PROGRESS REPORT

USA ENGINEER RESEARCH & DEVELOPMENT CTR
SAN JACINTO RIVER, TX
IA Number: DW96958549-004

Bill Number: 13226249
Bill Invoice Date: 02-MAY-2016

Monthly Billing Amount(096X3122): \$16,128.49

Monthly Direct Fund Cite Contract Cost: \$0.00

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
-----	-----	-----	-----
a Personnel	\$6,216.00	\$5,905.20	\$12,121.20
b Fringe Benefits	\$3,822.83	\$3,425.01	\$7,247.84
c Travel	\$0.00	\$0.00	\$0.00
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$0.00	\$0.00	\$0.00
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$176.79	\$103.12	\$279.91
i Total Direct Charges	\$10,215.62	\$9,433.33	\$19,648.95
j Total Indirect Charges	\$5,912.87	\$5,495.50	\$11,408.37
-----	-----	-----	-----
k TOTAL	\$16,128.49	\$14,928.83	\$31,057.32

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
-----	-----	-----	-----	-----
CARLOS E RUIZ	USA ENGINEER RESEARCH & DEVELOPMENT	RESEARCH CIVIL ENGINEER	100.00	\$15,951.70
			-----	-----
TOTAL LABOR:			100.00	\$15,951.70

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